

IN THE CLAIMS

1-15. Cancelled

16. (Currently Amended) A disc gang assembly configured for attachment to a mainframe of a seedbed preparation implement that is configured to be pulled in a draft direction via ground engaging wheels directly connected to said mainframe, said disc gang assembly comprising:

- (A) a frame which is configured to be connectable to the ~~main frame~~ mainframe and that comprises a main beam which is mountable on the mainframe and a disc support beam which is located in front of said main beam and which is connected to said main beam by a plurality of support arms; and
- (B) a plurality of ground engaging rotary discs which are supported on said support beam and which are configured to rotate about an axis that extends at a gang angle relative to a perpendicular to said draft direction, wherein said frame includes hardware configured to connect said frame relative to the implement mainframe so as to permit said frame be movable relative to the mainframe so as to permit said gang angle to be infinitely adjusted through a range of at least 3° via an actuator extending wholly between said main beam and said mainframe.

17. (Original) The disc gang assembly as recited in claim 16, wherein said range extends from about 5° to about 10°.

18. (Original) The disc gang assembly as recited in claim 16, wherein said frame is pivotably mountable on the mainframe adjacent a first end of said frame and is mountable on a slotted support of the mainframe at a location remote from said first end so as to permit a pin depending from said frame to slide along a slot in said slotted support for disc gang angle adjustment.

19. (Canceled).

20. (Currently Amended) The disc gang assembly as recited in claim 16 ~~49~~, wherein said support arms are pivotable to raise and lower said disc support beam relative to said main beam and, thereby, adjust a cutting depth of said discs.

21. (Original) The disc gang assembly as recited in claim 16, further comprising an actuator that is coupled to said disc gang, that is configured to be coupled to the frame, and that is operable to move said disc gang relative to the mainframe to effect gang angle adjustment.

22-28. (Canceled).

29. (New) A disc gang assembly configured for attachment to a mainframe of a seedbed preparation implement that is configured to be pulled in a draft direction, said disc gang assembly comprising:

(A) a frame connected to the mainframe and that comprises 1) a main beam which is mountable on the mainframe and angularly offset with respect to said draft direction, and 2) a disc support beam which is located in front of said main beam and which is directly connected to said main beam by at least one support arm; and

(B) a plurality of ground engaging rotary discs which are supported on said support beam and which are configured to rotate about an axis that extends at a gang angle relative to a perpendicular to said draft direction, wherein said discs are directly connected to said disc support beam and connected to said main beam via said at least one support arm, wherein said frame includes hardware configured to connect said frame relative to the implement mainframe so as to permit said frame be movable relative to the mainframe so as to permit said gang angle to be infinitely adjusted through a range of at least 3°.

30. (New) The disc gang as recited in claim 29, wherein said mainframe is directly supported by ground-engaging wheels.

31. (New) The disc gang as recited in claim 29, wherein said mainframe is connected between a front disc harrow and a rear disc harrow, the front disc harrow comprising the disc gang.

32. (New) The disc gang as recited in claim 16, wherein said mainframe is connected between a front disc harrow and a rear disc harrow, the front disc harrow comprising the disc gang.

33. (New) The disc gang as recited in claim 16, wherein the disc gang is disposed forward of said mainframe with respect to said draft direction.

34. (New) A disc gang assembly configured for attachment to a mainframe of a seedbed preparation implement that is configured to be pulled in a draft direction, said disc gang assembly comprising:

a pair of adjacent disc gangs supported on a corresponding pair of frames, each disc gang carrying ground engaging rotary discs which are configured to rotate about an axis that extends at a gang angle relative to a perpendicular to said draft direction, wherein each disc gang is pivotally connected to the implement mainframe at a location adjacent the other disc gang so as to permit said gang angle of each disc gang to be infinitely adjusted through a range of at least 3° while maintaining substantial linear alignment with the other disc gang.